

WHAT IS CLAIMED IS:

1 1. A computer-implemented method of generating a coversheet for a
2 multimedia paper document comprising one or more pages, wherein a printable
3 representation of multimedia information is printed on each page of the one or more pages,
4 the multimedia information comprising video information, the method comprising:
5 printing a thumbnail image of each page in the one or more pages on a paper
6 medium to generate the coversheet.

1 2. The method of claim 1 further comprising:
2 printing text information on the coversheet for each thumbnail image printed
3 on the coversheet, wherein the text information is extracted from multimedia information
4 printed on a page corresponding to the thumbnail image.

1 3. The method of claim 1 further comprising:
2 printing a user-selectable identifier on the coversheet for each thumbnail
3 image printed on the coversheet, wherein the user-selectable identifier for a thumbnail image
4 enables a user to access multimedia information printed on a page corresponding to the
5 thumbnail image in electronic form.

1 4. The method of claim 1 further comprising:
2 printing a topic of interest on the coversheet; and
3 printing a relevancy indicator for the topic of interest on the coversheet,
4 wherein the relevancy indicator indicates a degree of relevancy of the multimedia paper
5 document to the topic of interest.

1 5. The method of claim 1 further comprising:
2 printing a topic of interest on the coversheet; and
3 if a page of the multimedia paper document comprises information related to
4 the topic of interest, printing a frequency count on the coversheet proximal to a thumbnail
5 image of the page indicating the number of times that information related to the topic of
6 interest is located on the page.

1 6. The method of claim 1 wherein the printable representation of the
2 multimedia information printed on each page of the one or more pages comprises video

3 frames extracted from the video information included in the multimedia information and text
4 information extracted from the multimedia information.

1 7. The method of claim 6 wherein the multimedia information comprises
2 closed-caption text information and the text information printed on each page of the one or
3 more pages is extracted from the closed-caption text information included in the multimedia
4 information.

1 8. The method of claim 6 wherein the multimedia information comprises
2 audio information and the text information printed on each page of the one or more pages is
3 extracted from a transcript of the audio information included in the multimedia information.

1 9. A paper document which comprises:

2 one or more pages, each page in the one or more pages is imprinted with text
3 information extracted from multimedia information and video frames extracted from the
4 multimedia information; and

5 a cover page imprinted with thumbnail images of each page in the one or more
6 pages.

1 10. The paper document as recited in claim 9, wherein the text information
2 printed on each page in the one or more pages is extracted from closed-caption text
3 information included in the multimedia information.

1 11. The paper document as recited in claim 9, wherein the text information
2 printed on each page in the one or more pages is extracted from audio information included in
3 the multimedia information.

1 12. The paper document as recited in claim 9, wherein the video frames
2 printed on each page in the one or more pages are extracted from video information included
3 in the multimedia information.

1 13. The paper document as recited in claim 9, wherein, for each thumbnail
2 image printed on the cover page, a one or more words selected from the text information
3 imprinted on a page corresponding to the thumbnail image are printed on the cover page.

1 14. The paper document as recited in claim 9, wherein a topic of interest
2 and a relevancy indicator indicating a degree of relevancy of the multimedia information to
3 the topic of interest are printed on the cover page.

1 15. The paper document as recited in claim 9, wherein, if the text
2 information printed on a page in the one or more pages comprises one or more words related
3 to a topic of interest, a count is printed on the cover page proximal to the thumbnail image of
4 the page, wherein the count indicates a number of times that information related to the topic
5 of interest is located on the page.

1 16. A system for generating a coversheet for a multimedia paper document
2 comprising one or more pages, wherein a printable representation of multimedia information
3 is printed on each page of the one or more pages, the multimedia information comprising
4 video information, the system comprising:

5 an input module configured to receive first information including set of
6 thumbnail images, the set of thumbnail images including a thumbnail image for each page of
7 the multimedia paper document; and

8 an output module configured to print the set of thumbnail images on a paper
9 medium to generate the coversheet.

1 17. The system of 16 wherein the output module is configured to print text
2 information on the coversheet for each thumbnail image printed on the coversheet, wherein
3 the text information extracted from multimedia information printed on a page corresponding
4 to the thumbnail image.

1 18. The system of 16 wherein the output module is configured to print a
2 user-selectable identifier on the coversheet for each thumbnail image printed on the
3 coversheet, wherein the user-selectable identifier for a thumbnail image enables a user to
4 access multimedia information printed on a page corresponding to the thumbnail image in
5 electronic form.

1 19. The system of 16 wherein the output module is configured to:
2 print a topic of interest on the coversheet; and

print a relevancy indicator for the topic of interest on the coversheet, wherein the relevancy indicator indicates a degree of relevancy of the multimedia paper document to the topic of interest.

20. The system of 16 wherein the output module is configured to:

print a topic of interest on the coversheet; and

if a page of the multimedia paper document comprises information related to interest, print a frequency count on the coversheet proximal to a thumbnail image indicating the number of times that information related to the topic of interest is page.

21. The system of 16 wherein the printable representation of the

multimedia information printed on each page of the one or more pages comprises video frames extracted from the video information included in the multimedia information and text information extracted from the multimedia information.

22. The system of claim 21 wherein the multimedia information comprises
text information and the text information printed on each page of the one or
extracted from the closed-caption text information included in the multimedia

23. The system of claim 21 wherein the multimedia information comprises text information printed on each page of the one or more pages is a transcript of the audio information included in the multimedia information.

code for printing a thumbnail image of each page in the one or more pages on the sheet to generate the coversheet.

25. The computer program product of claim 24 further comprising:

2 code for printing text information on the coversheet for each thumbnail image
3 printed on the coversheet, wherein the text information extracted from multimedia
4 information printed on a page corresponding to the thumbnail image.

1 26. The computer program product of claim 24 further comprising:
2 code for printing a user-selectable identifier on the coversheet for each
3 thumbnail image printed on the coversheet, wherein the user-selectable identifier for a
4 thumbnail image enables a user to access multimedia information printed on a page
5 corresponding to the thumbnail image in electronic form.

1 27. The computer program product of claim 24 further comprising:
2 code for printing a topic of interest on the coversheet; and
3 code for printing a relevancy indicator for the topic of interest on the
4 coversheet, wherein the relevancy indicator indicates a degree of relevancy of the multimedia
5 paper document to the topic of interest.

1 28. The computer program product of claim 24 further comprising:
2 code for printing a topic of interest on the coversheet; and
3 if a page of the multimedia paper document comprises information related to
4 the topic of interest, code for printing a frequency count on the coversheet proximal to a
5 thumbnail image of the page indicating the number of times that information related to the
6 topic of interest is located on the page.